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TI Dyed swimsuits from stretchable knits with improved chlorine fastness

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SO Jpn. Kokai Tokkyo Koho, 9 pp.
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DT Patent

LA Japanese

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CC 40-6 (Textiles and Fibers)

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 06264301	A2	19940920	JP 1993-47903	19930309

AB The knits comprise polyurethane elastic fibers dyed with acid, disperse, metalized, reactive, and/or direct dyes and polyamide fibers and/or polyester fibers dyeable with cationic dyes at normal pressure and contain 0.1-20% (on fiber) mono- and/or polyhydroxybenzene derivs. with specified structures. A knit comprising ethylenediamine-MDI-polytetramethylene glycol block copolymer fibers and nylon 66 fibers was prepd., dyed with a soln. contg. 5% (on fiber) Kayacyl Blue BR for 60 min at 40-95.degre ., washed, treated with a dispersion contg. 5% bisphenol A for 50 min at 40-80.degree., and subsequently treated with dye fixing agents to give a knit with Cl fastness rating 4-5.

ST chlorine fastness spandex fiber swimsuit; bisphenol A chlorine fastness improver swimsuit; sodium bishydroxyvalerate chlorine fastness improver swimsuit; biphenol chlorine fastness improver swimsuit; dihydroxybenzyl ethyl ketone chlorine fastness improver; polyhydroxybenzene deriv chlorine fastness improver swimsuit

IT Polyamide fibers, uses
Polyester fibers, uses
RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
(blends with spandex fibers; dyed swimsuits from stretchable knits with improved chlorine fastness)

IT Spandex fibers
RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
(blends with synthetic fibers; dyed swimsuits from stretchable knits with improved chlorine fastness)

IT Dyeing
(of swimsuits from spandex fibers and synthetic fibers with improved chlorine fastness)

IT 80-05-7, Bisphenol A, uses 92-88-6, 4,4'-Biphenol 27100-33-0, Bisphenol A homopolymer 143406-81-9, 3,5-Dihydroxybenzyl ethyl ketone 160385-39-7 160385-40-0
RL: TEM (Technical or engineered material use); USES (Uses)
(chlorine fastness improver; dyed swimsuits from stretchable knits with improved chlorine fastness)

IT 107375-35-9
RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
(spandex fiber; dyed swimsuits from stretchable knits with improved chlorine fastness)